

Abstract of the DisclosureASSEMBLING AN OBJECT CODE MODULE

A method of assembling a source code module to form an object code module, said source code module including one or more assembler directives, wherein the assembler directives are used to generate relocation instructions in the object code module, the method comprising: reading a plurality of compound relocation sequence definitions stored in a memory, each compound relocation definition sequence comprising a compound relocation indicator and a first sequence of relocation instructions; reading assembler source code from said source code module, said source code generating an associated sequence of relocation instructions for executing the directive; determining if said associated sequence of relocations matches one of said stored sequence of relocation instructions; and if a match of relocation sequences is determined, inserting into said object code module a compound relocation including the compound relocation indicator of said matched compound relocation sequence definition instruction and said matched sequence.